

REMARKS

Claims 1-20 are currently pending in the application. By this amendment, claims 1-18 are amended and claims 19 and 20 are added for the Examiner's consideration. Support for the claim amendments and added claims is provided in at least Figures 3, 4 and 9-11 and related text of the specification such as, for example, in pages 9-14 of the specification. No new matter has been added. Reconsideration of the rejected claims in view of the above amendments and the following remarks is respectfully requested.

35 U.S.C. § 102 and § 103 Rejections

Claims 1-3, 9-10, and 14-15 were rejected under 35 U.S.C. § 102(b) for being anticipated by U.S. Patent No. 6,366,289 B1 issued to Johns. Claims 4-8, 11-12, and 16-18 were rejected as being unpatentable over Johns under 35 U.S.C. § 103. Applicant respectfully traverses these rejections.

Claim 1, recites a combination of elements including, for example,

means for selectively decompressing a portion of said compressed graphic image data as stored in the memory based on a selected coverage section of the graphical image data ...

More specifically, claim 1 of the invention is directed towards compressed graphic image data which includes a selected coverage section. The selective decompression of the compressed graphic image data is based on the selected coverage section. In the embodiments of the invention the selected coverage section is overhead data which may include a coverage section, for example, the geographical extent of the data using latitude and longitude vertices and decompressing data based on these vertices.

Johns fails to teach or suggest at least these features. Johns is directed towards a virtual frame buffer controller in a computer display system for managing a display image in compressed and uncompressed blocks. Johns discloses the VFB controller indicating to the

host when free memory is running low. The host, in turn, interacts with the display controller to re-compress least recently used chunks. *See* col. 8, lines 11-14. To compress the information which is not used frequently, the

VFB controller indicates to the host when free memory is running low. The host, in turn, interacts with the display controller to re-compress least recently used chunks.

Johns discloses storing each of the chunks stored as a discrete block of memory distributed randomly in on or more memory devices. *See* col. 7, lines 5-7. Since the chunks are stored randomly, the decompressing will also be performed by choosing the random chunks. Additionally, to decompress randomly, for example, Johns discloses at column 8, lines 26-38:

The display controller also manages the process of refreshing the display screen from the primary display image managed by the VFB controller and possibly other images. In particular, a compositor 330 retrieves the chunks that make up the display image from memory (e.g., the local video memory 310) and temporarily holds them in a compositing buffer. For compressed chunks, the compositor instructs a decompressor 332 to decompress the chunk and place it in the compositing buffer. The compositor uses a double buffering scheme to scan one set of output pixels to the display 334 from one buffer, while constructing another set of output pixels in another.

However, Johns does not teach “selectively decompressing a portion of said compressed graphic image data as stored in the memory based on a selected coverage section of the graphical image data” as required by claim 1. If any interpretation is to be given, Johns decompresses information which is to be displayed, by managing the process of refreshing the display screen from the primary display image managed by the VFB controller.

Accordingly, Applicant respectfully submits that claim 1 and claims 2-8, which depend from claim 1, are distinguishable over the prior art. Since none of the other prior art

references of record disclose or suggest the combination of features set forth by these claims, it is respectfully submitted that claims 1-8 are allowable.

Claim 9 recites a combination of elements including, for example,

decompressing a portion of the file as loaded into the memory, said portion including data for the requested graphic image based on a selected geographical region ...

Johns fails to teach or suggest at least these features for similar reasons as discussed above with regard to claim 1. Johns does not teach selectively decompressing based on selected geographical region. Accordingly, Applicant respectfully submits that claim 1 and claims 9-13, which depend from claim 9, are distinguishable over the prior art. Since none of the other prior art references of record disclose or suggest the combination of features set forth by these claims, it is respectfully submitted that claims 9-13 are allowable.

Claim 14 recites a combination of elements including, for example,

loading the file that includes compressed data for the first area of interest from the storage device into memory, wherein the compressed data includes overhead data that defines a geographical extent of the file;

decompressing a portion of the file as loaded into memory based on the received request for the first area of interest, said portion including data corresponding to the first area of interest

Johns fails to teach or suggest at least these features for similar reasons as discussed above with regard to claims 1 and 9. In addition, Johns does not teach overhead data that defines a geographical extent of the file or selectively decompressing based on first area of interest.

Accordingly, Applicant respectfully submits that claim 14 and claims 15-18, which depend from claim 14, are distinguishable over the prior art. Since none of the other prior art references of record disclose or suggest the combination of features set forth by these claims, it is respectfully submitted that claims 14-18 are allowable.

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New Claims

Claims 19 and 20 are added for the Examiner's consideration. Claims 19 and 20 recite that overhead data includes latitude and longitude vertices.

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CONCLUSION

In view of the foregoing amendments and remarks, Applicant submits that all of the claims are patentably distinct from the prior art of record and are in condition for allowance. The Examiner is respectfully requested to pass the above application to issue. The Examiner is invited to contact the undersigned at the telephone number listed below, if needed. Applicant hereby makes a written conditional petition for extension of time, if required. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 23-1951.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Andrew M. Calderon', with a stylized flourish at the end.

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